

DT08 Rec'd PCT/PTO 14 MAR 2005

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| FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                             | ATTORNEY'S DOCKET NO.<br>NL 020886                                  |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                             | U.S. Application No. (If known, see 37 CFR 1.5)<br><b>10/527775</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/IB2003/003422                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | INTERNATIONAL FILING DATE<br>August 4, 2003 | PRIORITY DATE CLAIMED<br>September 17, 2002                         |
| TITLE OF INVENTION<br>PRESERVING LINEARITY OF A RF POWER AMPLIFIER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                             |                                                                     |
| APPLICANT(S) FOR DO/EO/US<br>Adrianus VAN BEZOOIJEN; Christophe CHANLO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                             |                                                                     |
| Applicant(s) herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                             |                                                                     |
| <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> A translation of the international Application into English (35 U.S.C. 371(c)(2))</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> have been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendment to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Items 11. to 16. below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</p> <p><input type="checkbox"/> A SECOND OR SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information:</p> <p><input checked="" type="checkbox"/> Power of Attorney to Prosecute Application Before the USPTO [PTO/SB/80]</p> <p><input checked="" type="checkbox"/> Statement under 37 CFR 3.73(b) [PTO/SB/96]</p> <p><input checked="" type="checkbox"/> Authorization Pursuant to 37 CFR § 1.136(a)(3) and to Charge Deposit Account</p> |                                             |                                                                     |

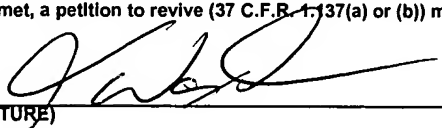
CERTIFICATE OF MAILING

[X] Express Mail Mailing Label No. **EV664852197-US**  
Date of Deposit **3-14-05**

I hereby certify that this paper and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Jeanne Rusciano  
Typed Name

Jeanne Rusciano  
Signature

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----|
| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              | INTERNATIONAL APPLICATION NO.<br>PCT /IB2003/003422 |                                                                                                                                                                  | ATTORNEY'S DOCKET NUMBER<br>NL 020886                                     |    |
| 17 [ X ] The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 C.F.R. 1.492(A)(1)-(5)):</b><br>Search Report has been prepared by the EPO or JPO                      \$1000.00<br>International preliminary-examination fee paid to USPTO<br>(37 C.F.R. 1.482)                                                              \$690.00<br>No International preliminary examination fee paid to USPTO<br>(37 C.F.R. 1.482) but international search fee paid to USPTO<br>(37 C.F.R. 1.445(a)(2))                                                      \$750.00<br>Neither international preliminary examination fee (37 C.F.R.<br>1.482) nor International search fee (37 C.F.R. 1.445(a)(2))<br>paid to USPTO                                                              \$970.00<br>International preliminary examination fee paid to USPTO<br>(37 C.F.R. 1.482) and all claims satisfied provisions of PCT<br>Article 33(2)-(4)                                                              \$ 96.00<br>ENTER APPROPRIATE BASIC FEE AMOUNT = |              |                                                     |                                                                                                                                                                  | CALCULATIONS (PTO USE ONLY)<br><br><br><br><br><br><br><br><br>\$ 1000.00 |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than [ ] 20 [ ] 30 months<br>from the earliest claimed priority date (37 C.F.R. 1.492(e)).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                                                     |                                                                                                                                                                  | \$                                                                        |    |
| CLAIMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | NUMBER FILED | NUMBER EXTRA                                        | RATE                                                                                                                                                             |                                                                           |    |
| Total Claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 20 - 20 =    | 0                                                   | X \$ 50.00                                                                                                                                                       | \$ 0.00                                                                   |    |
| Independent claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4 - 3 =      | 1                                                   | X \$ 200.00                                                                                                                                                      | \$ 200.00                                                                 |    |
| MULTIPLE DEPENDENT CLAIMS (if applicable)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |              |                                                     | + \$ 360.00                                                                                                                                                      | \$ 0.00                                                                   |    |
| TOTAL OF ABOVE CALCULATIONS =                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |              |                                                     |                                                                                                                                                                  | \$ 200.00                                                                 |    |
| Reductions by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement<br>must also be filed (Note 37 C.F.R. 1.9, 1.27, 1.28)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |                                                     |                                                                                                                                                                  | \$                                                                        |    |
| SUBTOTAL =                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |              |                                                     |                                                                                                                                                                  | \$ 1200.00                                                                |    |
| Processing fee of \$130.00 for furnishing the English translation later than [ ] 20 [ ] 30<br>months from the earliest claimed priority date (37 C.F.R. 1.492(f)).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                     |                                                                                                                                                                  | \$                                                                        |    |
| TOTAL NATIONAL FEE =                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |              |                                                     |                                                                                                                                                                  | \$ 1200.00                                                                |    |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                                                     |                                                                                                                                                                  | \$ 40.00                                                                  |    |
| TOTAL FEES ENCLOSED =                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |              |                                                     |                                                                                                                                                                  | \$ 1240.00                                                                |    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                                                     |                                                                                                                                                                  | Amount to be Refunded                                                     | \$ |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |                                                     |                                                                                                                                                                  | Charged                                                                   | \$ |
| a. [ ] A check in the amount \$ _____ to cover the above fees is enclosed.<br>b. [ X ] Please charge my Deposit Account No. <u>14-1270</u> in the amount of \$ <u>1240.00</u> to cover the above fees.<br>A duplicate copy of this sheet is enclosed.<br>c. [ X ] The Commissioner is hereby authorized to charge any additional fee, with the exception of the Base Issue Fee, which may be<br>required, or credit any overpayment to Deposit Account No. <u>14-1270</u> . A duplicate copy of this sheet is enclosed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                                                     |                                                                                                                                                                  |                                                                           |    |
| NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be<br>filed and granted to restore the application to pending status.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |              |                                                     |                                                                                                                                                                  |                                                                           |    |
| SEND ALL CORRESPONDENCE TO:<br>Corporate Patent Counsel<br>Philips Electronics North America Corporation<br>P.O. Box 3001<br>Briarcliff Manor, NY 10510                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |                                                     | <br>(SIGNATURE)<br>Aaron Waxler<br>(NAME)<br>48,027<br>(REGISTRATION NUMBER) |                                                                           |    |